

# Converting Colors

YIQ(213.2620, 28.3810, -2.2350)

Have a look what the booklet for  
YIQ(213.2620, 28.3810, -2.2350)  
contains.

<b>YIQ(213.2620, 28.3810, -2.2350)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(213.2620, 28.3810,  
-2.2350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFCFB2
RGB	239, 207, 178
RGB Percent	94%, 81%, 70%
CMY	0.0627, 0.1883, 0.3018
CMYK	0.00, 0.13, 0.26, 0.06
HSL	28°, 66%, 82%
HSV	28°, 26%, 94%
XYZ	65.9505, 66.1881, 51.4372
YIQ	213.2620, 28.3810, -2.2350

# Conversions

## Conversions Part 2

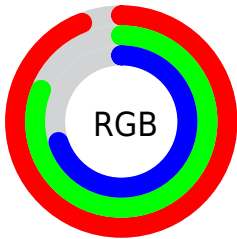
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 233, 178
Decimal	15716274
CIE Lab	85.09, 6.91, 18.53
CIE LCh	85, 19.779, 69.551
Yxy	66.1881, 0.3593, 0.3605
Android (android.graphics.Color)	4293906354 (0xFFEFCFB2)
YUV	213.2620, -17.3842, 22.5722
Hunter-Lab	81.3561, 2.3261, 19.4633

# Details

The YIQ color **213.2620, 28.3810, -2.2350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **203.7380, -28.3810, 2.2350**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, 6.7410, -6.5310**, and **158.4790, 26.2720, -2.5600** is the 20% darker color. If you saturate the color by 10%, you get **202.8950, 39.6600, -2.9000**, and if you desaturate by 10%, it is **223.6290, 17.1020, -1.5700**.

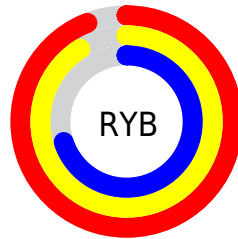
# Distribution



Red (94%)

Green (81%)

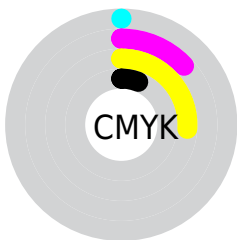
Blue (70%)



Red (94%)

Yellow (91%)

Blue (70%)

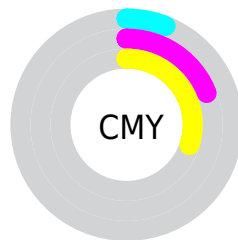


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (6%)



Cyan (6%)

Magenta (19%)


Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 213.2620, 28.3810, -2.2350 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 213.2620, 28.3810, -2.2350 by changing the saturation by 10% instead.




 213.2620, 28.3810,  
-2.2350


 213.2620, 28.3810,  
-2.2350


255.0000, -0.0000,  
-0.0000


 185.0770, 27.4640,  
-2.1360


 252.6060, 6.7410,  
-6.5310

 158.4790, 26.2720,  
-2.5600

 132.2940, 25.3550,  
-2.4610

 106.8100, 23.8420,  
-2.5740

 82.6250, 22.9250,  
-2.4750

 59.2550, 21.0910,  
-2.2770

 37.1300, 19.9450,

-3.5350

■ 16.6120, 15.7720,  
0.5080

■ 0.0000, 0.0000,  
0.0000

■ 213.2620, 28.3810,  
-2.2350

■ 213.2620, 28.3810,  
-2.2350

■ 202.8950, 39.6600,  
-2.9000

■ 223.6290, 17.1020,  
-1.5700

■ 193.1150, 50.6640,  
-4.0880

■ 233.4090, 6.0980,  
-0.3820

■ 182.7480, 61.9430,  
-4.7530

■ 243.7760, -5.1810,  
0.2830

■ 172.9680, 72.9470,  
-5.9410

■ 250.2160, -9.5360,  
-3.3920

■ 162.7150, 83.9050,  
-6.2950

■ 152.9350, 94.9090,  
-7.4830

■ 142.5680,  
106.1880, -8.1480

■ 137.7920,  
111.3690, -8.4310

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.9840, 32.4600, 6.4440



213.2620, 28.3810, -2.2350



211.1740, 16.6450, -9.8110

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.2620, 28.3810, -2.2350



205.9740, -32.6420, -14.1620



215.0730, -1.1030, 14.4890

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



213.2620, 28.3810, -2.2350



203.7380, -28.3810, 2.2350

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.3310, -19.6250, 8.7510



213.2620, 28.3810, -2.2350



206.2540, -39.0620, -7.9420

# Square

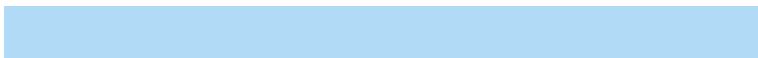
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.2620, 28.3810, -2.2350



206.8200, -17.6490, -16.0570



209.0470, -33.7450, 0.3270



216.1090, 16.4110, 16.4670



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.2620, 28.3810, -2.2350



209.7920, 5.9170, -13.6270



209.0470, -33.7450, 0.3270



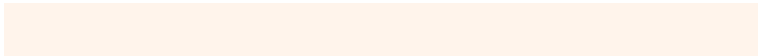
214.6100, -7.1090, 13.2030

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



213.2620, 28.3810, -2.2350



246.2630, 9.4450, -0.4670



200.0010, 25.7630, 23.1950



122.4090, 6.0980, -0.3820



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.2620, 28.3810, -2.2350



221.3400, 36.9090, -2.6030



230.8720, 20.1310, -17.9250



115.1100, 5.5020, -0.5940



106.0850, 85.7390, -6.4930



32.5930, 25.9510, -2.2490

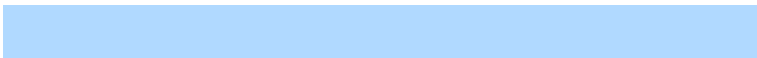


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



203.7380, -28.3810, 2.2350



209.0730, -36.6340, 3.1260



186.1280, -20.1310, 17.9250



112.8900, -5.5020, 0.5940



77.3280, -85.4640, 7.0160



23.4070, -25.9510, 2.2490



# Previews

## White Background



This preview shows how the YIQ color 213.2620, 28.3810, -2.2350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 213.2620, 28.3810, -2.2350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

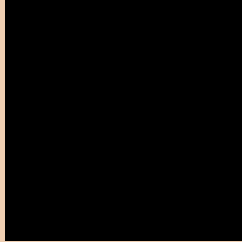
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 213.2620, 28.3810, -2.2350

## Background



This preview shows how black text looks on a background with the YIQ color 213.2620, 28.3810, -2.2350.



This preview shows how white text looks on a background with the YIQ color 213.2620, 28.3810,

-2.2350.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

213.2620, 28.3810, -2.2350

### Protanopia

212.0540, 17.1030, -7.0970

### Deuteranopia

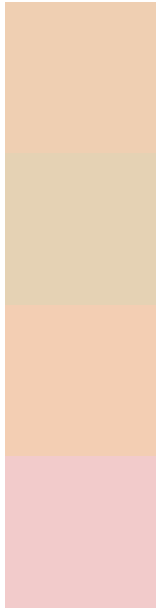
213.9960, 32.1860, 0.3940



## Tritanopia

215.6810, 20.4920, 14.0920

# Trichromacy



## Original Color

213.2620, 28.3810, -2.2350

## Protanomaly

212.2610, 20.9540, -5.3020

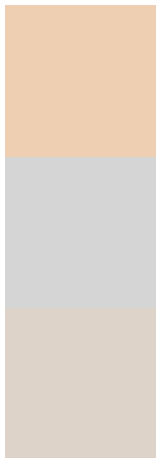
## Deuteranomaly

213.9850, 30.7190, -0.5530

## Tritanomaly

214.6610, 23.2440, 8.2680

# Monochromacy



## Original Color

213.2620, 28.3810, -2.2350

## Achromatopsia

213.0000, -0.0000, 0.0000

## Achromatomaly

213.0350, 10.0870, -1.0890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 213.2620, 28.3810, -2.2350 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(239, 207, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 207, 178) }
```

## Border

The CSS property to change the border of an element to YIQ 213.2620, 28.3810, -2.2350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 207, 178) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 207, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 207, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 207, 178); box-shadow:4px 4px 4px 4px rgb(239, 207, 178) }
```

# Background

The CSS property to change the background color of an element to YIQ 213.2620, 28.3810, -2.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 207, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
207, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor